ULITIN, M.N., kand.tekhn.nauk; DEYEV, Ye.A., kand.tekhn.nauk

Modernization of internal grinding and sharpening machinery for
electrocrosive machining. Trakt.i sel'khozmash. 31 no.2:43-46
(MIRA 14:7)
F '61. (Electric cutting machinery)

ULITIN, M.N., kand.tekhn.nauk; DEYEV, Ye.A., kand.tekhn.nauk

Use of hard-surfacing equipment in an automated plant manu-

facturing steel-bushed roller chains. Trakt.i sel'khozmash. no.8:37-38 Ag '62. (MIRA 15:8)

DEYEV, Ye.A., kand. tekhn. nauk; ULITIN, M.N., kand. tekhn. nauk

建設開展運輸車到的經濟學的經濟學學的經濟學學的學科學學

Power sources for the electrical spark machining of hard alloys.

Trakt. i sel'khozmash. no.8:36-39 Ag '64.

(MIRA 17:11)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001857920003-6"

ULITIN, M.N., kand.tekhn.nauk; PANOV, A.P.

Ultrasonic machining in surface grinding. Trakt. i sol'khczmash.

no.11:43-45 N '64.

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.

DAVYDOV, A.S. i ULITIN, M.N.

State of and prospects for the use of electrophysical methods in working metals. Trakts i sel'khozmash. no.9:45-47 S 165.

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.

PHASE I BOOK EXPLOITATION

sov/3628

Ulitin, N.S.

- Soprotivleniye materialov (Strength of Materials) Moscow, Gosstroyizdat, 1959. 255 p. Errata slip inserted. 10,000 copies printed.
- Reviewers; MTSI imeni V.V. Knybysheva. Kafedra soprotivleniya materialov; Leningradskiy stroitel'nyy tekhnikum; Scientific Ed.: I.K. Snitko, Doctor of Technical Sciences, Professor; Ed. of Publishing House: G.N. Vilkov; Tech. Eds.: N.K. Borovnev and N.I. Rudakova.
- PURPOSE: This textbook is intended for students of engineering tekhnikums specializing in the strength of materials.
- COVERAGE: This is a standard textbook on strength of materials and methods of stress analysis. The coverage includes a discussion of forces and deflections, the behavior of parts and structural elements under load, classification of forces by type (transverse, bending, torsional, etc.), and practices of plotting diagrams and calculating parameters. An historical survey of Soviet studies in these fields is given. There is also a list of recommended reading.

 No personalities are mentioned. There are no references.

ULITIN, Nikolay Sorgeyevich; BEZUKHOV, N.I., zasl. doyatel' nouki

1 tekhniki RSFSR, doktor tekhn. nauk, prof., retsenzent

[Strength of materials] Soprotivlenie materialov. Izd.2.,
perer. Moskva, Vysshaiaanhkola, 1963. 301.p.

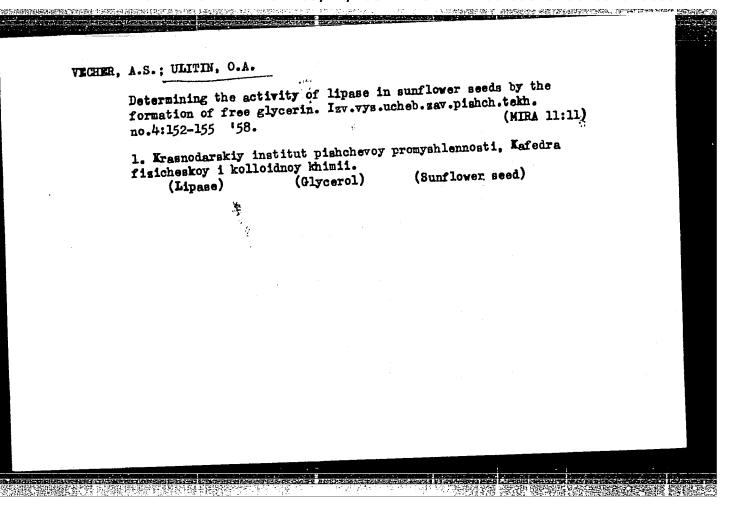
(MIRA 17:6)

Glycerol and 2,3-butanedicl determination in wines. Izv. vys. ucheb.

gav.; pishch. tekh. no.1:103-108 *58.

1. Kramodarskiy institut pishchevoy promyshlennosti, Kafedra
fizicheskoy i kolloidnoy khimi:

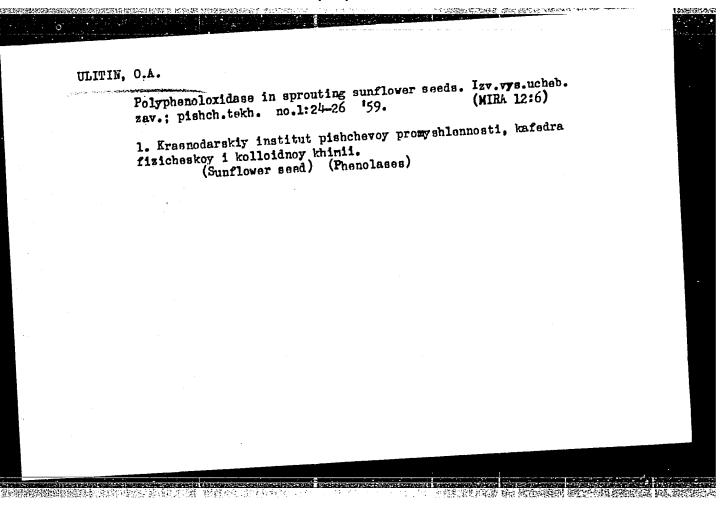
(Wine and wine making—Analysis) (Glycerol) (Butanedicl)



Determining the acid number of vegetable oils by means of potentiometric titration. Igv.vys.ucheb.zav.; pishch.tekh. no.5:162-166 (MIRA 11:11) '58. 1. Krasnodarskiy institut pishchevoy promyshlennosti, Kafedra fizicheskoy i kolloidnoy khimii. (Oils and fats, Edible) (Potentiometric analysis)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001857920003-6"

指基的现在形式的 建筑建筑工作和为165年15个



KOBLYANSKIY, A.G.; ULITIN, O.A.

Separation of some anions by electrolysis with the use of ion-exchange membranes. Zhur. prikl. khim. 34 no. 12:2699-2704 D '61. (MIRA 15:1)

1. Krasnodarskiy institut pishchevoy promyshlennosti. (Anions) (Electrolysis) (Ion exchange)

ULITIN, O.A.

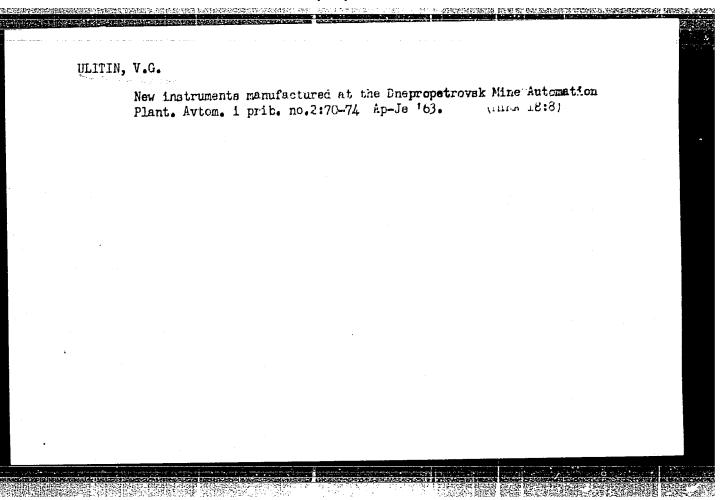
Removal of electrolytes from pentose hydrolyzates by means of electrodialysis with ion exchange membranes. Izv. vys. ucheb. zav.; pishch. tekh. no.6:73-76 163.

1. Krasnodarskiy politekhnicheskiy institut, problemnaya laboratoriya.

KORMIL'TSEV, V.V.; ULITIN, R.V.

Relationship of induced alternating current polarization with Faraday's impedance and the capacitance of a double electrical layer. Trudy Inst.geofiz.UFAN SSSR no.3:125-133 '65.

(MIRA 18:8)



VDOVIN, D.I.; ULITIN, V.G.

Using the VIRS apparatus in the remote control of conveyers.

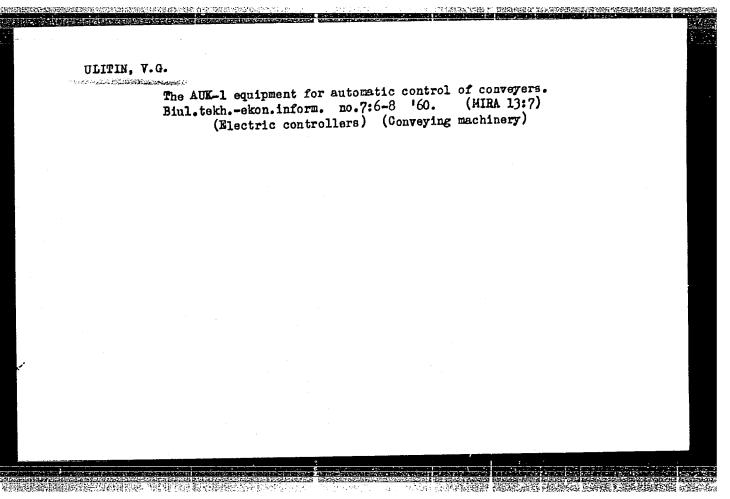
Biul.tekh.ekon.inform. no.1:3-5 '60. (MIRA 13:5)

(Mine haulage) (Remote control)

ULITIN, V.G., inzh.

New means of automation in the mining industry. Gor. zhur. no.4:58-61 Ap '60. (MIRA 14:6)

1. Dnepropetrovskiy zavod selenovykh vypryamiteley.
(Mineral industries)
(Automatic control)



ULITIN, V.G.

The RUKS-2, PDU-1, PST-1 and the ZUL-1 unit for automatic control in mining. Biul.tekh.-ekon.inform. no.7:13-17 (d). (MIRA 14:8) (Electric controllers)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001857920003-6"

ULATIN, V.G., inzh.

New equipment for automatic control and communication systems in mines and coal preparation plants. Ugol' 36 no.3:27-29 Mr '61'.

(MIRA 14:5)

1. Dnepropetrovskiy zavoid shakhtnoy avtomatiki.

(Coal mines and mining—Equipment and supplies)

(Coal preparation plants—Equipment and supplies)

(Automatic control)

ULITIN, V.G., inzh.

Apparatus for increasing the labor safety in mines. Ugol'.prom. no.1:65-67 Ja-F '62. (MIRA 15:8)

1. Dnepropetrovskiy zavod shakhtnoy avtomatiki.
(Coal mines and mining—Safety measures) (Automatic control)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001857920003-6

9/193/62/000/003/002/005 A004/A101

AUTHOR:

Ulitin, V. G.

TIPLE:

Special rectifiers

PERIODICAL: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 3, 1962, 23 - 24

TEXT: The Dnepropetrovskiy zavod shakhtnoy avtomatiki (Dnepropetrovsk Plant of Automtic Mining Equipment) has started to produce the B C K -300 (VSK-300) welding rectifier [see Byulleten' tekhniko-ekonomicheskoy informatsii, 1960, no. 12,page 18], the BC -600 (VS-600) welding rectifier and the BC -2 M (VS-2M) rectifier-stabilizer. The VS-600 rectifier is intended for submerged shielded arc welding. It is supplied from the three-phase network of 380 v, 50 cps. The power input amounts to some 30 kV-amp. A sectioned primary transformer winding enables the stepped regulation of the secondary voltage. The selenium rectifying unit is connected in a bridge circuit of full-wave rectification. The rectified welding current of the VS-600 rectifier amounts to up to 600 amp, the rectified voltage 20 - 40 v, the number of regulation stages is 27. The VS-2M rectifier-stabilizer is intended for the conversion of AC into stabilized DC of 80 and 27 v,

Card 1/2

CIA-RDP86-00513R001857920003-6

Special rectifiers

S/193/62/000/003/002/005 A004/A101

with which the electric BT -4 (VP-4), BT -4 M (VP-4M), B3 -2 (VE-2) and B3 -2 M (VE-2M) electric hygrometers, used for grain-storehouses, are supplied. The VS-2M rectifier is supplied from the a-c network of 127/220 v, 50 cps. The power input does not exceed 35 v-amp. The rectifying unit is equipped with voltage is stabilized by an CT3 C (SO3S) gas-discharge stabilizer. The adjustment of the device on the rectified voltage of 80 and 27 v is effected by an adjustable resistor. The large-scale production of the mentioned rectifiers is

Card 2/2

ULITIN, V.G., inzh.

New rectifiers for welding. Mashinostroenie no.3:67-70 My-Je '62.

(MIRA 15:7)

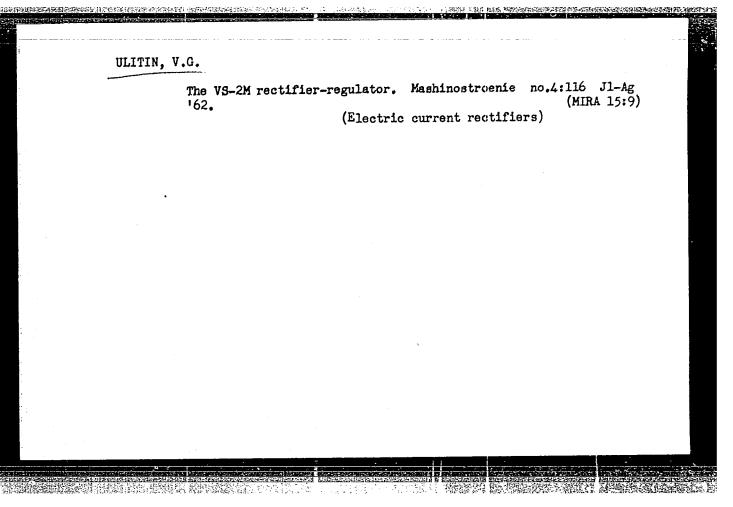
1. Dnepropetrovskiy zavod shakhtnoy avtomatiki.

(Electric current rectifiers) (Electric welding)

ULITIN, V.G.

New equipment for ore dressing plants. Avtom.i prib. no.4:
68-73 O-D '62.

1. Dnepropetrovskiy zavod shakhtnoy avtomatiki.
(Ore dressing—Equipment and supplies)



S/135/62/000/007/005/010 A006/A101

AUTHOR:

Ulitin, V. G., Engineer

TITLE:

Rectifiers BCK-300 (VSK-300) and BC-600 (VS-600) for welding

operations

PERIODICAL: Svarochnoye proizvodstvo, no. 7, 1962, 32 - 34

TEXT: The Dnepropetrovsk plant of mining automation, in cooperation with the Institute of Electric Welding imeni Ye. O. Paton, developed the welding rectifiers VSK-300 and VS-600. Rectifier VSK-300 is power-supplied from a 380-v three-phase network. Voltage control is brought about by "star" or "triangle" connection and different switching-on of volt-additional transformers. The rectified voltage is smoothly controlled within a range of 42 steps, by symmetrical and asymmetrical changes of voltage, supplied to the rectified bridge. Rectified voltage at 400 amp current is not less than 34 v. This combined rectifier is intended for manual, semi-automatic and automatic submerged arc welding in CO₂ with smooth voltage control within 15 - 51 v. Rectifier VS-600 is intended for semi-automatic and automatic welding in a gas shield and with a submerged arc. To

Card 1/2

"APPROVED FOR RELEASE: 03/14/2001 C

CIA-RDP86-00513R001857920003-6

S/135/62/000/007/005/010 A006/A101

Rectifiers ...

assure stepped control of secondary voltage the primary transformer coiling is sectioned. The rectified welding current is up to 600 amps, and rectified voltage 20 - 40v. Production in series of the VSK-300 device has been started in 1961, and is intended in 1962 for VS-600. There are 3 figures.

Card 2/2

ULITIN, V.G. New achievements of an integrated brigade of innovators. Avtom. i prib. no.1:87-88 Ja-Mr 163. 1. Dnepropetrovskiy zavod shakhtnoy avtomatiki. (Dnepropetrovsk-Technological innovations)

CIA-RDP86-00513R001857920003-6" **APPROVED FOR RELEASE: 03/14/2001**

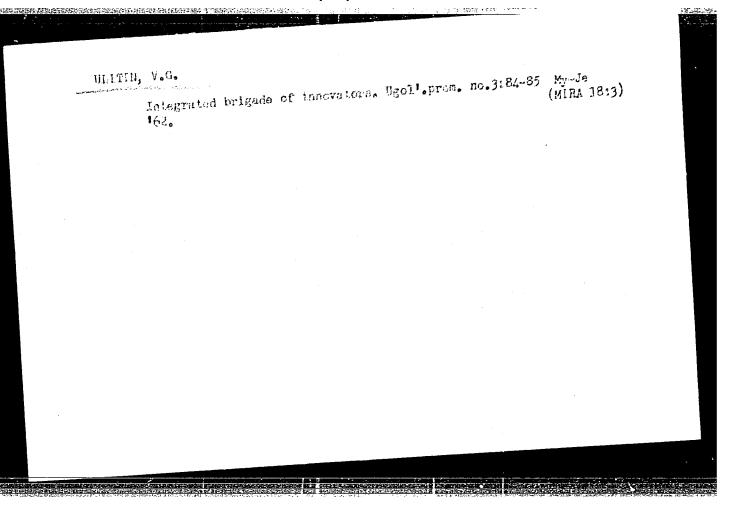
AKV-2 unit for air control. Biul.tekh.-ekon.inform.Gos.nauch.issl.inst.nauch. i tekh.inform. no.3:20-21 '63.

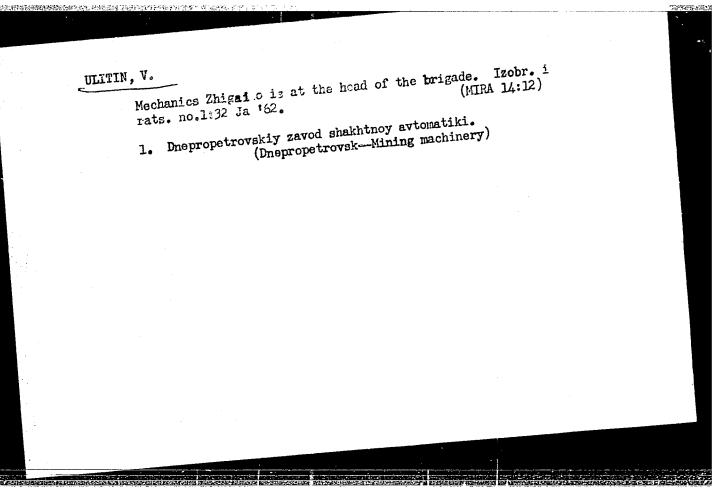
(MIRA 16:4)

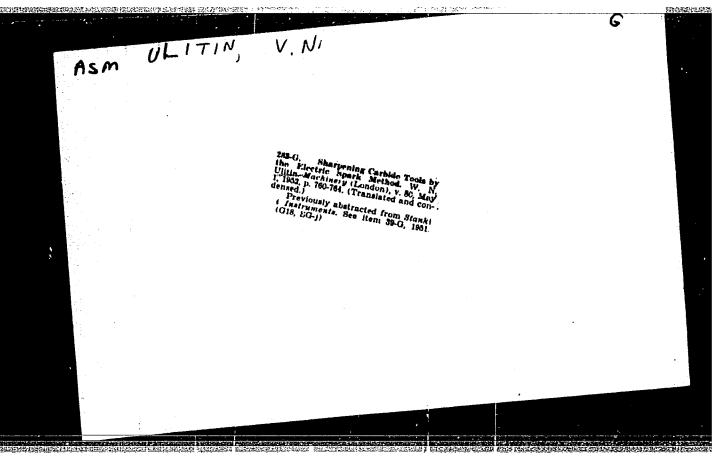
(Mine ventilation-Equipment and supplies)

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CIA-RDP86-00513R001857920003-6







ULITINA, A,					()hu kaleh ans	•
Mechanism for retrieving hair from wash water. Obm. tekh. opyt. [MLP] no.29:26-27: '57. (MIRA 13:1) (Leather industry-Equipment and supplies)						
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_{प्रश्न} क्षेत्र समय पेट, क्षात्रिकालों से वेशन समय जन	makan da kanan da ka					
		opal destruit and section			I	

SPIVAK, F.N., kand.med.nauk; ULITINA, A.I., kand.med.nauk

Some functional studies of persons disabled by bronchectasis under industrial conditions. Trudy LIBTIN 2:36-45 *9.

(MIRA 13:7)

(BRONCHIEGTASIS) (DISABILITY EVALUATION) (RESPINATION)

SPIVAK, F.N., kand.med.nauk; ULITINA, A.I., kand.med.nauk

Principles of work organization and work recommendations for persons disabled by chronic nonspecific pneumonia and bronchiectasis. Trudy LIETIN 2:46-54 '59. (MIRA 13:7)

(DISABILITY EVALUATION) (DISABLED-REHABILITATION, ETC.)

(LUNGS--DISRASES)

ULITINA, A.I., kand.med.nauk

Improvement of working conditions for invaldis in industrial cooperatives. Gig.i san. 24 no.11:76-78 H 159. (MIRA 13:4)

1. Iz otdela organizatsii truda Leningradskogo nauchno-issledovatel'skogo instituta ekspertizy trudosposobnosti i organizatsii truda invalidov. (INDUSTRIAL MEDICINE)

WW/JD/JG IJP(c) EPF(n)=2/EWT(n)/EWP(b)/EWP(t)SOURCE CODE: UR/0081/65/000/012/M021/M022 AR5020050 ACC NR: Ulitina, G.A.; Filatov, A.G. AUTHOR: ORG: none TITIE: Expanding water proof compounds SOURCE: Ref. zh. Khimiya, Ags. 12M197 REF SOURCE: Sb. vopr. sovrem. str-va i arkitekt. Kiev, Budivel"nyk, 1964, 511-515 TOPIC TAGS: cement, ceremic to metal seal, aluminum powder TRANSIATION: For sealing the seams and bars between ferroconcrete parts, additions of expanding, highly durable, waterproof and quick-hardening solutions to Portland cement were suggested, based on the compensated expension principle developed at UkrVODCEO. Complex additives of powdered aluminum and sulfite-alcohol slop guarantee an expansion during the first 10 days, when kept in a humid and watery storage, and also decrease shrinking in airy storages. They considerably speed up hardening and strengthen the entire hardening area during the processes of compression, expension and bending. Research has shown that additives of aluminum powler decreased the strength and waterproofness of the solutions, whereas calcium chloride and aluminum sulfate increased them. Some expanding solutions had a waterproxiness in excess of 16 atm. Te. Miropol'skaya. SUB CODE: 13,07, // Card 1

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001857920003-6"

IVANOV, N.A.; STADUKHIN, V.D.; ULITINA, G.C.

Charts for the approximate calculation of anomalous effect in the methods of magnetic profiling and sounding. Trudy Inst.geofiz.UFAN SSSR no.3:65-71 165. (MIRA 18:8)

STADUKHIN, V.D.; ULITINA, G.G.

Magnetic profiling with square and retangular frames in the Techenskoye iron ore deposit. Trudy Inst.geofiz.UFAN SSSR no.3:73-77 165.

(MIRA 18:8)

ALEYNIKOV, A.L.; STADUKHIN, V.D.; ULITINA, C.G.

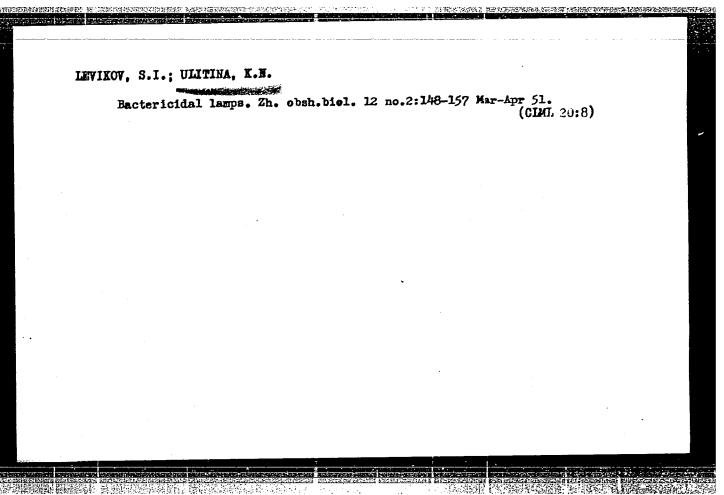
Interpretation of magnetic and gravity measurements using data of artificial magnetic biasing. Trudy Inst.geofiz.UFAN SSSR no.3197-102 165.

(MIRA 18:8)

KARAGEZYAN, M.A., kand.med.nauk; ANTONIK, N.N., ordinator; ULITINA, I.A., ordinator

Treatment of trophic ulcers with an oil preparation of carotens. Vest.derm. i ven. no.1:30-33 '62. (MIRA 15:1)

1. Iz kliniki kozhnykh bolezney (zav. kafedroy - doktor med.nauk L.A. Neradov) Kubanskogo meditsinskogo instituta (dir. - prof. V.K. Suprunov) i Krasnodarskogo gorodskogo kozhno-venerologicheskogo dispansera (glavnyy vrach I.F. Frintchenko). (CAROTENE) (ULCERS)

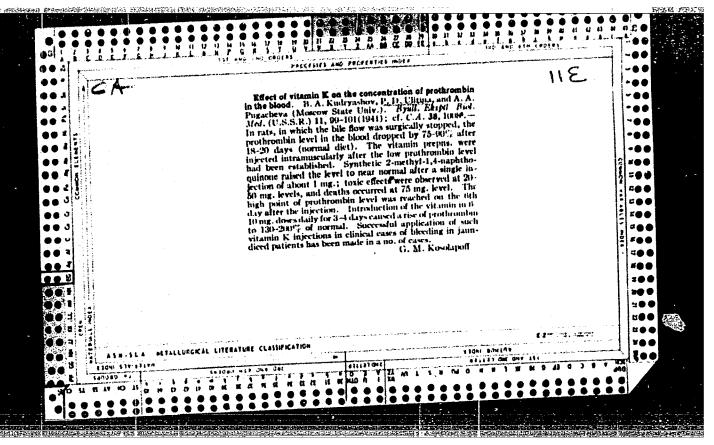


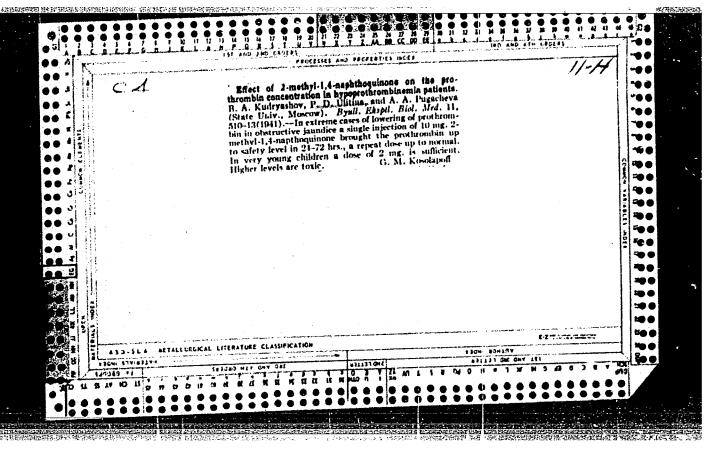
ULITINA, L.M.

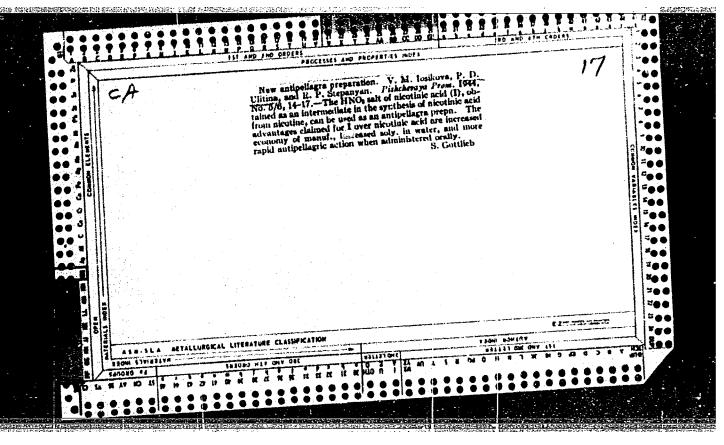
New Middle-Devonian species of the families Zonophyllidae and Digonophyllidae in Transcaucasia. Paleont. zhur. no.4: 30-38 '63. (MIRA 17:1)

1. Paleontologicheskiy institut AN SSSR.

ULITENA, L.M.				
Genus Cystiph MOIP.Otd.geol	nylloides Joh from th	e Devonian of T	ranscaucasia, Biul,	
	(Transcaucasia-Cora		(MIRA (16:5)	
			4.	
		•		







ULITINA, P. D.			PA 45/	49167	
		user/Medicine - Zoolog activity of vitamin K, extremely low toxicity owher two substances. Parmas, 5 Oct 48.	Dok Ak Mauk SSSK Vol LXIII, No 4 Obtains comparative data on activit compounds on mice: 2-methyl-l, 4-z 2-methyl-l, r-naphthoquincne-3-sulf tassium, and a bisulfite compound of h naphthoquinone. Finds latter mos since it is easily soluble in vater	USER/Medicine - Zoology Medicine - Vitamin E, An Medicine - Vitamin E, An "Study of Biological Activity Yitamin E," P. D. Ulitima, B. of Zool, Moscov State U imeni	
		ં ધંડી 👸 ે	parative data on activity mice: 2-methyl-1, 4-nm r-naphthoquincne-3-sulfcl a bisulfite compound of inone. Finds latter most easily soluble in water.	O. D. O.	•
	19164/54	A COL	rity of following h-manhthoquinons, mulfarylic po- d of 2-methyly-1, most valuable tter, has high		

CA

118

Species specificity of prothrombeliance and thrembetropia. P. D. Ultima and B. A. Kudryeshov (M. V. Lomshoot Stäfe Unity; Moscow). Dollady Abad. Nash
S.S.S.R. 77, 673-6(1961).—Examn. of fresh oxalated plasms
of humans, rats, guinea pigs, cows, and dops, use being
made of prothrombolinase from human brain and brains of
various animals (cl. K., et al., C.A. 41, 5030d, 6340g),
and of thrombotropin of the plasms of the respective
species for activation of prothrombolinase, revealed;
(1) oxalated plasma clots more slowly than called for by
the characteristic period for the given species in the
presence of an optimum Ca-ion conen., but addn. of prothrombolinase to the system considerably accelerates the
clotting. Preliminary activation of prothrombolicinase by
thrombotropin accelerates the clotting still further (3.23.8 sec. difference in human, rat, cow, and dog, 7 sec. in
ruinea pig.). The clotting rate under the effect of prothrombolinase of one species on the plasma of another species
depends greatly upon the species. Human prothrombolimase greatly stimulates clotting of human plasma as well as
that of other species; rat, dog, and rabbit plasma clot more
rapidly with human prothrombolinase than does the human
plasms, and rat plasma clots more rapidly than under in-

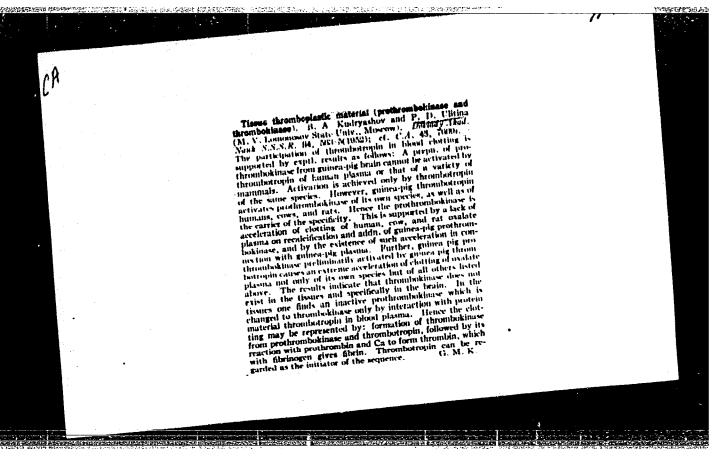
nuence of rat prothrombokinase. Conversely, none of the other species of prothrombokinase showed an acceleration of clotting of human plasma to the level achieved with human prothrombokinase; prothrombokinase of guinea pig actually lowers the clotting rate of human and cow plasma. Activated prothrombokinases, however, derived from any species greatly accelerate clotting rate of plasma of other species, even if the process is retarded without activation, and the differences in the rates largely vanish after activation, and the differences in the rates largely vanish after activation, and the differences in the rates largely vanish after activation, with its it true for activation by thrombotropin of the same species. Hence, the interaction of prothrombokinase with thrombotropin forms thrombokinase that is essentially devoid of spucies specificity. Cross-activation is effective for human, rut, guinea pig, cov, dog, and rabbit thrombotropin under applied to human prothrombokinase and the product is not specific. Prothrombokinase of guinea pig, however, is activated most strongly by thrombotropin of the same species, as neither human, rat, nor cow thrombotropin have a specific structure in each species, but activation within the species leads to nouspecific thrombokinase Interspecies activation may or may not occur.

G. M. Kosolapofi

Brologneil Soil Sci-Res. Inst.

1951

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001857920003-6"



Hadring Flood Cognitation ULITINA, P. D. 1 90b 53

"Species Specificity of Thrombogenic Components of the Blood," B.A. Kudryschov, L.I. Murav'yeva, P.D. Ulitina, Soil Biol Sci-Res Inst, Moscow State U

DAN USSR, Vol 88, No 4, pp 711-712

The three phases of blood coagulation differ in regard to the degree of species specificity shown in the interaction between thrombogenic components. The strongest species specificity is exhibited in the 1st phase (activation of prothrombokinase with thrombotropin). In the 2d phase (interaction of thrombokinase with prothrombin with thrombotropin), species specificity is not clearly pronounced. In the in the presence of Ca ions), species specificity is not clearly pronounced. In the third phase (interaction of thrombin with fibrinogen), species specificity was not observed within the range of species investigated. Presented by Acad A.I. Oparin 25 Nov 52.

256T40

USSR/Medicine - Biochemistry Gard 1/1 Pub. 22 - 31/47 Kudryashov, B. A., and Ulitina, P. D. Authors : Study of the thromboplastic activity of blood Title Periodical: Dok. AN SSSR 98/5, 815-817, Oct 11, 1954 : The relation between the amount of thrombokinase (thromboplastin), originating during the process of blood coagulation, and the concentration of throm-Abstract botropine in the plasma and the full-value of the prothrombokinase source, is explained. The deficiency of any one component was found to have a negative effect (limiting effect) on the formation of thrombokinase. The effect of dicumarol injection on the thromboplastic activity of the blood is explained. Seven USSR references (1948-1954). Tables. Institution : The M. V. Lomonosov State University, Moscow Presented by : Academician V. A. Engel'gardt, July 6, 1954

KUDRYASHOV, B.A., prof.; ANDREYENKO, G.V.; ULITINA, P.D.; HAZASIYAN, G.G.;
PASTOROVA, V.Ye.; SYTIMA, N.P.; KALISHEVSKAYA, T.M.; SHIMOMAYEVA, Ye.Ye.

Nature of hemorrhage in experimental radiation sickness in animals
[with summary in English, p.60]. Probl.gemat. i perel.krovi 2 no.6;
[with summary in English, p.60]. Probl.gemat. i perel.krovi 2 no.6;
[MIRA 11:2)
3-11 N-D '57.

1. Iz biologo-pochvennogo fakul'teta Moskovskogo gosudarstvennogo
universiteta.

(HEMORRHAGE, experimental,
x-ray induced in animals (Rus))
(ROENTESH RAYS, injurious effects,
exper. hemorrh. induced in animals (Rus))

KUDRYASHOV, B.A.; ANDREYENKO, G.V.; ULITINA, P.D.

Thrombotropin and prothrombokinase in marine fishes. Nauch.
dokl.vys.shkoly;biol.nauki no.3:98-101 '58. (MIRA 11:12)

1. Predstavlena laboratoriyey fiziologii i biokhimii svertyvaniya
kroyi Moskovskogo gosudarstvennogo universiteta imeni M.V.
Lomonosova.
(THROMBOTROPIN) (FISHES--PHYSIOLOGY) (PROTHROMBOKINASE)

ULITINA, P.D., KUDRYASHOV, B.A.

Determining the thromboplastic activity of human blood, Lab.de lo
(kira 11:12)
4 no.6:7-9 N-D '58

1. Iz laboratorii fiziologii i blokhimii avertyvaniya krovi
(sav. prof. B.A. Kudryashov) biologo-pochvennogo fakul'teta Moskovskogo gosudaratvennogo universiteta.
(BLOOD-GOAGULATION)

AUTHORS:

Kudryashov, B. A., Ulitina, P. D. SOV/20-120-3-66/67

TITLE:

Experimental Data on the Existence and Rôle of the Physiological Anticoagulation System (ACS) in the Organism (Eksperimental'nyye dannyye o sushchestvovanii

i znachenii fiziologicheskoy antisvertyvayushchey

sistemy [ASS] v organizme)

PERIODICAL:

Doklady Akademii Nauk SSSR, 1958, Vol. 120, Nr 3,

pp. 677-680 (USSR)

ABSTRACT:

The study of the direct causes of an intravascular formation of thrombi has up to now not shown any definite the whole thromboses results. It was assumed that onoccur in connection with an increased amount of thrombogen protein components in the blood (references 1, 2), furthermore as a consequence of manifestations of coagulation

(references 3 - 5), or pathological changes of the vascular walls, which causes moistening of the surfaces (references 5 - 7). An experimental investigation of the intravascular formation of thrombi led the authors to the

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Experimental Data on the Existence and Rôle of SOV/20-120-3-66/67 the Physiological Anticoagulation System (ACS) in the Organism

conclusion that the coagulated matters in the blood channel are apparently caused by a disturbance of a physiclogical system of anticoagulation. It is the aim of this paper to prove the existence of such a system. In the introduction material and methods are described. White rats were used as experimental animals; they had 110 -- 150 g. The blood was drawn from the v. jugularis, where also the intravenous injections were administered. Thromboplastin was prepared from the brain-tissue (according to reference 8). U,1 M sodium oxalate solution was used for the stabilization of the blood. As known, the brain-thromboplastin considerably accelerates the coagulation of the oxalate blood or of the plasm at its recalcification in vitro. The same is observed in the case of fresh blood in vitro. This is caused by the absence of the tissueprothrombokinases in the thromboplastin preparation. Under the influence of plasm components this enzyme changes into an active thrombokinase (references 9, 10), the presence of which is necessary for the change of the prothrombin into thrombin in the presence of calcium

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Experimental Data on the Existence and Role of SOV/20-120-3-66/67 the Physiological Anticoagulation System (ACS) in the Organism

ions. It was to be assumed therefore that in the case of an intravenous administration of thromboplastin in vivo coagulated matter will develop in the vessels. On table 1, however, we can see that this process was only in 4 % of the cases fatal. The study of the entire coagulation of blood in surviving animals showed that this process is postponed more than tenfold and that it remains at that level for 7 - 10 minutes. Then, slowly normal coagulation sets in again. Thus the administration of thromboplastin in vivo reduced the capacity of coagulation abruptly, contrary to experiments in vivo (table 1), instead of increasing it. The occurring of the thrombin in the blood channel apparently incites any reflectorial mechanism to activity; in the course of that process humoral agents are secreted into the circulating blood which stop the biochemical mechanism of blood coagulation almost instantly and thus save the organism from death. This hypothesis was examined in animals who were deeply anaesthetized by ether. Almost immediately after the thrombin injection they died of

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SOV/20-120-3-66/67 Experimental Data on the Existence and Rôle of the Physiological Anticoagulation System (ACS) in the Organism

a coagulation of blood in the vessels (table 3). The narcosis or anaesthesia sometimes eliminated the receptors which react on the presence of the thrombin in the blood channel and the animals died of thrombosis, whereas the experimental animals remained alive. Analyses showed that the fibrino-content in the blood of the experimental animals decreased almost fourfold. Heparin-like substances which delay coagulation occurred in considerable quantities. An ACS exists in the organism which reacts on the presence of thrombin in the blood channel and which in the course of its action eliminates the coagulating mechanism. There are 3 tables and 10 references, 7 of which are Soviet.

ASSUCIATION:

Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov)

PRESENTED &

February 18, 1958, by V. A. Engel gardt, Member, Academy of

SUBMITTED:

Sciences, USSR February 17, 1958

Card 4/5

Exsperimental Data on the Existence and Rôle of SOV/ Hi-120-3-66/67 the Physiclogical Actionsystem a System (ACC) in the Cognillat							
1. Thrombasis—Theo 4. Blood—Coagulat	ory 2. BloodPathology	3. CoagulasesPhysiological effe	ects				
Card 5/5							
Value)//							

Change in the thrombotropin content of human blood following the administration of dicumarin. Probl. gemat. i perel. krovi (MIRA 13:8)

4 no. 10:23-26 0 '59.

1. Iz laboratorii fiziologii i biokhimii svertyvaniya krovi (zaveduyushchiy - fakul'teta Moskovskogo gosudarstvennogo universiteta.

(THROMBOTROPIN) (COUMARIN)

KUDRYASHOV, B.A., prof.; ULITINA, P.D.

Experimental studies on thrombogenesis in the vascular bed.

Khirurgiia 35 no.2:77-82 F 159. (MIRA 12:5)

1. Iz laboratorii fiziologii i biokhimii svertyvaniya krovi Moskovskogo gosudarstvennogo ordena Lenina universiteta imeni M.V.Lomonosova.

(THROMBOSIS, exper. thrombogenesis (Rus))

KUDRYASHOV, B.A.; ANDREYENKO, G.V.; BAZAZ'YAN, G.G.; KALISHEVSKAYA, T.M.; PASTOROVA, V.Ye.; SYTINA, N.P.; ULITINA, P.D.

The physiological anticoagulating system and experimental prethrombotic state of the organism. Vest. Mosk. un. Ser. 6:3-23 Mr-Ap (61. 14:5)

1. Laboratoriya fiziologii i biokhimii svertyvaniya krovi Moskovskogo gosudarstvennogo universiteta.

(BLOOD—COAGULATION)

MUDRYASHOW, B.A.; ANDREYNIKO, G.V.; BAZAZ'YAN, G.G.; KALISHEVSKAYA, T.M.;

PASTOROVA, V.Ye.; SYTINA, N.P.; ULITINA, P.D. (Moskva)

Physiological anticoegulation system in an experimental prethrombotic state of the organism. Klin.med. 39 no.3:19-30
(MIRA 14:3)

Nr.'61.

1. Iz laboratorii fiziologii i biokhinii svertyvaniya krovi
(rukovoditel' - prof. B.A. Kudryashov) Moskovskogo universiteta.
(FLOOD—COAGULATION)

POSTNOV, Yu.V.; ANANCHENKO, V.G.; ULITINA, P.D. (M. skva)

Effect of disorders of vascular-connective tissue permeability caused by histamine on some physiological indices of the blood anticoagulant system under experimental conditions. Arkh. pat. 26 no.5:31-38 164

1. Patologoanatomicheskaya laboratoriya (zav. - doktor med. nauk A.M. Vikhert) Instituta terapii AMN SSSR (direktordeystvitel'nyy chlen AMN SSSR prof. A.L. Myasnikov) i laboratoriya bioknimii i fiziologii svettyvaniya krovi (zav. - prof. B.A. Kudryashov) Moskovskogo gosudarstvennogo universiteta imeni M.V. Iomonosova.

ULITINA, Z.P.; SMIRNOVA, G.V.; BOGOSLOVSKAYA, L.N., inzh...khimik

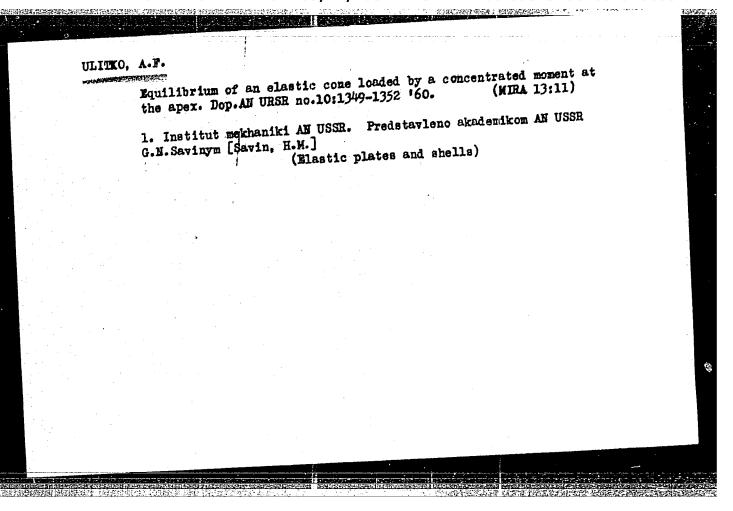
New formula for thickeners made with alga flour for printing with glacial, mordant and vat dyes. Tekst. prom. 25 no.9:64 (MIRA 18:10) S '65.

1. Nachal'nik nauchno-issledovatel'skoy laboratorii Shuyskoy ob"yedinennoy fabriki (for Ulitina). 2. Starshiy inzh. nauchno-issledovatel'skoy laboratorii Shuyskoy ob"yedinennoy fabriki (for Smirnova). 3. Shuyskaya ob"yedinennaya fabrika (for Bogoslovskaya).

STEPUHOVICI, A.D. [Stepukhovich, A.D.]; ULITKI, V.A. [Ulitskiy, V.A.]

Steric factors of the reactions of recombination, disproportionation of radicals, and their formation from the molecules.

Analele chimie 17 no.2:77-84 Ap-Je '62.



ULITKO, A.F. (Kiyev)

PRI DIA PINA FROM SELECTION DE LA CARRACTE AND ACTUAL DE LA CARRACTE DEL CARRACTE DE LA CARRACTE DE LA CARRACTE DEL CARRACTE DE LA CARRACTE D

General problem of the equilibrium of an elastic come. Prykl.mekh. 6 no.3:303-310 60. (MIRA 13:8)

l. Institut stroitel noy mekhaniki AN USSR.
(Elastic plates and shells)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001857920003-6"

ULITKO, A.F. [Ulitko, A.T.]

Using the method of eigen vector-functions in solving certain problems of the three-dimensional theory of elasticity. Prykl. mekh. 6 no.4:403-410 '60. (MIRA 13:11)

1. Institut mekhaniki AN USSR. (Masticity)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001857920003-6"

ULITKO, A. F.

Cand Phys-Math Sci - (diss) "Solution of spatial problems of the theory of elasticity by the method of eigen vector-functions." Kiev, 1961. 7 pp; (Ministry of Higher and Secondary Specialist Education Ukrainian SSR, Kiev Order of Lenin State Univ imeni T. G. Shevchenko); 200 copies; price not given; bibliography at end of text (10 entries); (KL, 7-61 sup, 220)

ULTIKO, A. F.

20

PHASE I BOOK EXPLOITATION

SOV/6086

Nauchnoye goveshchaniye po teplovym napryazheniyam v elementakh turbomashin. 2d, Kiyev, 1961.

Teplovyye napryazheniya v elementakh turbomashin; doklady nauchnogo soveshchaniya, vyp. 2 (Thermal Stresses in Turbomachine Parts; Reports of the Scientific Conference, no. 2). Kiyev, Izd-vo AN UkrSSR, 1962. 174 p. 1800 copies printed.

Sponsoring Agency: Akademiya nauk Ukrainskoy SSR. Institut mekhaniki.

Resp. Ed.: A. D. Kovalenko, Academician, Academy of Sciences UkrSSR; Ed.: T. K. Remennik; Tech. Ed.: A. M. Lisovets.

PURPOSE: This collection of articles is intended for scientific workers and turbine designers.

Card 1/6

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001857920003-6

2

SOV/6086

Thermal Stresses (Cont.)

COVERAGE: The book contains 18 articles dealing with investigations connected with thermal stresses in turbine components. Individual articles discuss thermoelasticity, thermoplasticity, thermal conductivity, and temperature fields. No personalities are mentioned. References accompany 17 articles. The conference recommended broadening the theoretical and experimental investigations of aerothermoelastic and aerothermoplastic problems, the development of investigations of general problems of the theory of thermoelasticity and thermoplasticity based on the thermodynamic principles of reversible and nonreversible processes, the development of effective calculation methods for thermal stresses taking into account plastic deformations and creep in thin- and thick-walled structural members under stationary and nonstationary operating conditions, the development of experimental-research methods for thermometry and tensiometry in connection with modern operational conditions of mechanical structures, and the broadening of investigations of problems in the thermostrength of structures, especially of those operating under conditions of frequent and sharp temperature changes.

Card 2/6

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•	Thermal Stresses (Cont.)	SOV/6086	PPOCE IX.	
•	Savchenko, V. I. [Kiyev]. Investigation of Thermal Stresses in Turbi Machine Components by the Photoelasticity Method	ine- 106		
	Dinerman, A. P. [Moscow]. On the Mechanism of the Effect of Accel Regimes of Turbine Startups on the Efficiency of Turbine Disks	lerated 117		
	Gokhfel'd, D. A. [Chelyabinsk]. Some Results of the Experimental Intions of Adaptability to Thermal Influences			
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Vasil'chenko, G. S. [Moscow]. Effect of the Radial Temperature Green on the State of Stress of Turbine Disks Operating Under Creep Cond	adient iitions 141		
	(Fridman, L. I Kuybyshev]. On the Problem of Investigating Repeating and Cooling		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Ulitko, A. F. [Riyev]. Stationary Problem in Thermal Conductivity Cone	for 156		
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"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001857920003-6

S/198/62/008/005/008/009

D234/D308

AUTHOR: Botte, O. V.

TITLE: Dissertations defended in 1961 at the Institutes of the Division of Technical Sciences, AS UkrSSR, in the field of mechanics

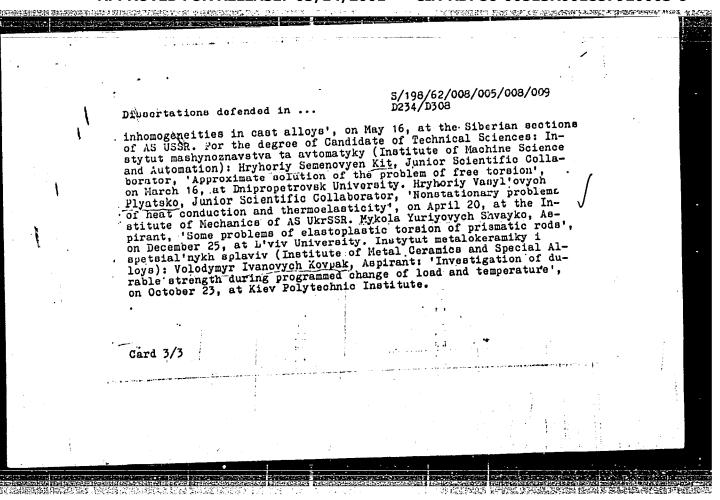
PERIODICAL: Akademiya nauk Ukrayins'koyi RSR. 'Instytut mckhaniky. Prikladna mekhanika, v. 8, no. 5, 1962, 571-575

TEXT: The following dissertations were presented by the collaborators of the above section and approved: For the degree of Candidate of Technical Sciences: Instytut mckhaniky (Institute of Mechanics): Vasyl' Nykolayoyych Buyvol, Aspirant: Plane problems of the theory of clasticity for multiply-connected regions with cyclic symmetry', on March 16, 1961, at Dnipropetrowsk Universty. Yareslav Mykhaylovich Hryhorenko, Junior Scientific Collaboratom: 'Stressed state of round plates and conical shells of linearly varying thickness under asymmetric loads', on April 6, at Dnipropetrowsk University. Igor Tymofiyovych Selezov, Aspirant, 'Investigation of the propa-Card 1/3

Dissertations defended in ... \$/198/62/008/005/008/009 D234/D308

gation of elastic waves in plates and shells', on June 19, at Kyyivs'kyy politekhnichnyy instytut (Kiev Politechnic Institute),
Andriy Foofanovych Ulitko, Aspirant, 'Solution of 3-dimensional
functions', on September 26, at Kiev University. Mikhaylo Petrovych
functions', on September 26, at Kiev University. Mikhaylo Petrovych
tudinal vibrations in short rods of constant and variable thicktudinal vibrations in short rods of constant and variable thickfuncs, due to impacts', on October 24, at Kiev University. Mariya
wear resistance of piston rings of integral combustion engines
avtomobil'no dorozhnyy instytut (Kiev Institute of Automobiles and
and deformability of CCN (DSP) plastics in time at increased temHighways. For the degree of Doctor of Technical Sciences: Instytut
tific Collaborator, Candidate of Technical Sciences, 'Microscopic
Card 2/3

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001857920003-6



GRINCHENKO, V.T.; ULITKO, A.F.

Mixed boundary problem of heat conductivity for a half space.

Inzh.-fiz.zhur. 6 no.10:67-71 0 '63. (MIRA 16:11)

1. Institut mekhaniki AN UkrSSR, Kiyev.

ULITKO, A. F. [Ulitko, A. T.]

Work of the Seminar of Mechanics at the Department of Technology of the Academy of Sciences of the Ukrainian S.S.R. in the second half of 1962. Prykl. mekh. 9 no.3:344-346 (MIRA 16:4)

(Academy of Sciences of the Ukrainian S.S.R.)

GRINCHENKO, V.T.; ULITKO, A.F.

Rigorous solution of the axially symmetric problem in the theory of elasticity for a circular rigidly clamped plate. Izv. AN Arm. SSR.Ser.fiz.-mat. nauk 16 no.5:125-132 *63. (MIRA 16:11)

1. Institut mekhaniki AN Ukrainskoy SSR.

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001857920003-6

1 35586-65 EMT(d)/T/EMP(1) IJP(c)

ACCESSION SEE: ADTOMOGRA

5/0:98/65/001/001/0039/0051

AUTHORS: Polozhiy, G. N. (Kiev); Ulitko, A. F. (Kiev)

TITLE: On inversion formulae for fundamental integral representations of p-analytic functions with characteristics p = xk

SOURCE: Prikladnaye mekhanika, v. 1, no. 1, 1965, 39-51

TOPIC TAGS: analytic function, complex variable, integral operator

ABSTRACT: Let 0 and 0_1 be domains in the right half-plane z=x+iy, where 0 has the imaginary axis L as its bound and 0_1 contains some branch b_1 Ling to infinity, parallel to the real axis; k = const > 0; $\Omega = is$ the region consisting of the domain 0 and its mirror image relative to the imaginary axis. Let M and M₁ of the domain 0 and its mirror image relative to the imaginary axis. Let M and M₁

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ACCESSION NR: AP5006988

in mathematical physics

$$\rho(\bar{p}) = \frac{1}{2} \int_{-1}^{1} \int_{-1}^{1} \int_{-1}^{1} \left(\frac{z + \bar{z}}{z} \right)^{1-k} + \zeta = \frac{z - \bar{z}}{2} \Big|_{(z = 0)}^{\frac{k}{2} - 1} \int_{-1}^{\frac{k}{2} - 1} d\zeta.$$

where the Γ -contour in Ω joins the points -z = -x + iy with the points x = x + iy, $\xi = \xi + i\eta \subset \Gamma$, $f(z) \subset M$; and

$$P_{1}(f) = \text{Re} \int_{z}^{z} f(\zeta) \left(\frac{z+z}{2}\right)^{1-k} (z-\zeta)^{\frac{k}{2}-1} (\overline{z}-\zeta)^{\frac{k}{2}-1} d\zeta + f(\zeta) \left(\zeta - \frac{z-\overline{z}}{2}\right) (z-\zeta)^{\frac{k}{2}-1} (\overline{z}+\zeta)^{\frac{k}{2}-1} d\zeta + f(\zeta)^{\frac{k}{2}-1} (\overline{z}+\zeta)^{\frac{k}{2}-1} d\zeta + f(\zeta)^{\frac{k}{2}-1} (\overline{z}+\zeta)^{\frac{k}{2}-1} d\zeta + f(\zeta)^{\frac{k}{2}-1} d\zeta + f(\zeta)^{\frac{k}$$

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integral operators exist not only each to our outside with a straight like what in the grow of new ogene also such any from less to nonertoil coordinates where

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GOROSHKO, O.A.; ULITKO, A.F.

Work of the Seminar of Mechanics at the Institute of Mechanics of the Academy of Sciences of the Ukrainian S.S.R. in the first months of 1964. Prikl. mekh. 1 no.1:139-143 '65. (MIRA 18:5)

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001857920003-6

ACC NR. AP6019178 AUTHOR: Grinchenko, V. T. (Kie	AN UkrSSR (Institut mekhaniki AN UkrSSR)
TITLE: Distribution of shearing quarter-plane SOURCE: Prikladnaya mekhanika,	ng stresses at the fixed edge of an unevenly heated 26
ABSTRACT: The article constrained at the fixed edgineated to a constant temperature main It is shown that the shear character at the angular the point of discontinuit state that the results ob of the distribution of sh	ress distribution insiders the distribution of shearing be of an elastic quarter-plane which is berature along a strip at the free edge, betained at zero outside the given strip. Itained at zero o

GRINCHENKO, V.T. (Kiyev); ULITKO, A.F. (Kiyev)

Tension of an elastic space weakened by an annular fissure. Frikl. mekh. 1 no.10:61-64 '65. (MIRA 18:12)

1. Institut mekhaniki AN UkrSSR. Submitted January 12, 1965.

GRINCHENKO, W.T. (Kiyev); ULITKO, A.F. (Kiyev)

Bending of a rigidly fastened square plate. Prikl. mekb. 1 no.9:134-136 '65. (MIRA 18:10)

1. Institut mekhaniki AN UkrSSR.

3/021/60/000/010/007/016 D251/D303

2607 1327 10.6000

AUTHOR:

Ulitko, A.T.

TITLE:

On the equilibrium of an elastic cone, loaded with a concentrated moment at the vertex

Akademiya nauk Ukrayins'koyi RSR. Dopovidi, no. 10, PERIODICAL:

1960, 1349 - 1352

TEXT: The solution of the problem is found by integrating the equilibrium equation in Lami's displacements

> $2 \frac{m-1}{m-2} \text{ grad div } \vec{u} - \text{rot rot } \vec{u} = 0$ (1)

where u is the displacement vector, m is Poisson's number for zero boundary conditions. The stress field is regular in the region of the cone except for a singularity at the vertex and vanishes at infinity. The solution is to be found in spherical polar coordinates $x = r \sin \theta \cos \varphi$, $y = r \sin \theta \sin \varphi$, $z = r \cos \theta$. (Fig.). The moment M acts in the plane xoz. The components of u in the coordinates u

Card 1/5

29185 S/021/60/000/010/007/016 D251/D303

On the equilibrium of an ...

nate directions are u, v, w. The conditions of the singularity and the antisymmetric stress give

$$u = \frac{1}{r^2} f(\theta) \cos \varphi, \quad v = \frac{1}{r^2} g(\theta) \cos \varphi, \quad (2)$$

$$w = \frac{1}{r^2} h(\theta) \sin \varphi.$$

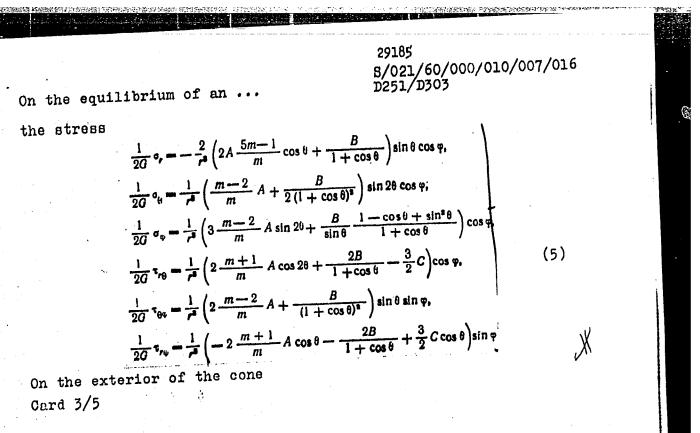
where f, g, h are some functions. Evaluation gives

$$f(\theta) = \frac{5m - 4}{m} A \sin 2\theta + B \frac{\sin \theta}{1 + \cos \theta},$$

$$g(\theta) = 2 \frac{m - 2}{m} A \cos 2\theta - B \frac{1}{1 + \cos \theta} + C,$$

$$h(\theta) = -2 \frac{m - 2}{m} A \cos \theta + B \frac{1}{1 + \cos \theta} - C \cos \theta.$$
(4)

where A, B, C are some constants. Applying Hooke's law gives for Card 2/5



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On the equilibrium of an ...

$$\sigma_{\theta/\theta=\alpha} = \tau_{\theta \neq/\theta=\alpha} = \tau_{r\theta/\theta=\alpha} = 0,$$

$$B = -2 \frac{m-2}{m} A(1 + \cos \alpha)^2$$
(6)

and hence

and

$$C = \frac{4A}{3m} \left[(m+1)\cos 2\alpha - 2(m-2)(1+\cos \alpha) \right]. \quad (7)$$

A is found from the equilibrium condition

considered for arbitrary r = const. The solution is then given,

Card 4/5

8/021/60/000/010/007/016 D251/D303

On the equilibrium of an ...

For imcompressible material $(m = 2) \alpha_n = 129^0$, 7; for m = 3, $\alpha_n =$ = 133°,5. There are I figure and 3 references: 2 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: E. Sternberg, W. Koiter, J. of Appl. Mech., 25, 575, 1958.

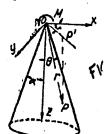
ASSOCIATION: Instytut mekhaniky AN URSR (Institute of Mechanics AS UkrSSR)

PRESENTED: by H.M. Savin, Academician, AS UkrSSR

APPROVED FOR RELEASE: 03/14/2001

SUBMITTED: January 21, 1960

Fig.



Card 5/5

CIA-RDP86-00513R001857920003-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001857920003-6

_	ULITKO, A.T. Coordination conference on the three-dimensional theory of elasti (MIRA 14:6					
		Coordination conferent and plasticity. Pryk	ce on the three- cl.mekh. 7 no.3: (Elasticity) (Plasticity)	-dimensional Gaeo. 345346 '61.	(HIRA 14:6)	
		•				

37685 \$/198/62/008/003/005/008 D407/D301

10.7000 AUTHOR:

Ulitko, A.T. (Kyyiv)

TITLE:

Homogeneous solution for determining stresses in sphe-

rical shells

Prykladna mekhanika, v. 8, no. 3, 1962, 282 - 284

TEXT: A new elementary homogeneous solution for a spherical zone is obtained, analogous to the well-known solutions for cylindrical shells. The author proceeds from the general solution for axisymmetric deformations of a sphere, derived by A.I. Lur'ye (Ref. 1: Pro-stranstvennyye zadachi teorii uprugosti (Three-Dimensional Problems of Elasticity Theory) GITTL, 1955). The sought-for homogeneous solution is

 $\sigma_{r}^{(0)} \equiv \tau_{r\theta}^{(0)} \equiv 0; \quad \frac{1}{2G} \sigma_{\theta}^{(0)} = \frac{B}{r \sin^{2} \theta}; \quad \sigma_{\varphi}^{(0)} = -\sigma_{\theta}^{(0)}, \quad (4)$

where B is an integration constant. Formula (4) can be used for the exact solution of the equilibrium problem of an elastic spherical zone, symmetrical with respect to the equator, provided that the Card 1/2

\$/198/62/008/003/005/008

Homogeneous solution for ...

normal stresses σ_{Θ}' vary according to the law 1/r. If this is not the case, formula 🖭) can be used to solve the problem according to Saint-Venant's principle. As an example, a spherical zone is considered, loaded at the internal radius by the pressure $\sigma_r = -p_1$, and the stress-free at the external surface and finite sections. The solution is obtained in the form of a sum of 2 solutions. The error of the obtained solution is estimated: if the ratio of thickness h 1/2.5, then the error is 12 % approis to mean shell-radius r_{mean} ximately; with smaller ratios, the error is smaller. In the limit, when the interior- and exterior radii tend to infinity, one obtains the solution for an infinite plate with a circular hole, subjected to a uniformly distributed pressure. It is noted that solution (4) can be also used for estimating the coefficient of concentration of a spherical shell with a small circular hole. There are 1 figure and 4 references: 3 Soviet-bloc and 1 non-Soviet-bloc, (in transla-ASSOCIATION: Instytut mekhaniky AN URSR (Institute of Mechanics of tion).

the AS UkrRSR) July 4, 1960

SUBMITTED:

.Card 2/2

ULITKO, A.T.

Activity of the section on continum mechanics of the Mechanics Seminar at the Institute of Mechanics of the Academy of Sciences of the Ukrainian S.S.R. Prykl. mekh. 10 no.2:231-234 *64 (MIRA 17:7)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001857920003-6"

KOROEKO, N.I. [Korobko, M.I.]; ULIT'KO, V.Ye. [Ulit'ko, V.IU.];

CHERTOV, V.M.

Chromatographic analysis of volatile fatty acids in the rumen contents of ruminants. Ukr.biokhim.zhur. 34 no.6s915-923 '62.

(MIRA 16:4

1. Ukrainian Agricultural Academy and the Institute of Physical Chemistry of the Academy of Sciences of the Ukrainian S.S.R.

(RUMEN) (ACIDS, FATTY) (CHROMATOGRAPHIC ANALYSIS)

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